

CHICAGO

Electric Power Tools

14" HEAVY DUTY CUT-OFF SAW

Model 91938

ASSEMBLY AND OPERATING INSTRUCTIONS



**TO PREVENT SERIOUS INJURY,
READ AND UNDERSTAND ALL WARNINGS
AND INSTRUCTIONS BEFORE USE.**

3491 Mission Oaks Blvd., Camarillo, CA 93011
Visit our Web site at: <http://www.harborfreight.com>

Copyright© 2004 by Harbor Freight Tools®. All rights reserved. No portion of this manual or any artwork contained herein may be reproduced in any shape or form without the express written consent of Harbor Freight Tools.

For technical questions and replacement parts, please call 1-800-444-3353.

PRODUCT SPECIFICATIONS



Electrical Requirements	120V/60Hz/15 AMP's Rated
Speed	3500 RPM
Maximum Cut-Off Wheel Diameter	14"
Recommended Cut-Off Wheel Types	14" Cut-Off Wheel for Metal (SKU 44814, included)
	14" Cut-Off Wheel for Masonry (SKU 44815)
Cutting Capacity	4-1/4"
Quick Release Vice Capacities	7" (1st Setting), 9-1/2" (2nd Setting)
Arbor Size	1"
Overall Dimensions	25-1/2"L x 18-1/2"W x 10-3/4"W
Weight	34-1/2 lbs.

SAVE THIS MANUAL

You will need this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures, parts list and assembly diagram. Keep your invoice with this manual. Write the invoice number on the inside of the front cover. Keep this manual and invoice in a safe and dry place for future reference.

GENERAL SAFETY RULES




WARNING!

READ AND UNDERSTAND ALL INSTRUCTIONS
Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.
SAVE THESE INSTRUCTIONS

WORK AREA

1. **Keep your work area clean and well lit.** Cluttered benches and dark areas invite accidents.
2. **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.** Power tools create sparks which may ignite the dust or fumes.
3. **Keep bystanders, children, and visitors away while operating a power tool.** Distractions can cause you to lose control. Protect others in the work area from debris such as chips and sparks. Provide barriers or shields as needed.

ELECTRICAL SAFETY

4. **Grounded tools must be plugged into an outlet properly installed and grounded in accordance with all codes and ordinances. Never remove the grounding prong or modify the plug in any way. Do not use any adapter plugs. Check with a qualified electrician if you are in doubt as to whether the outlet is properly grounded.** If the tools should electrically malfunction or break down, grounding provides a low resistance path to carry electricity away from the user.
5. **Double insulated tools are equipped with a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a polarized outlet. Do not change the plug in any way.** Double insulation  eliminates the need for the three wire grounded power cord and grounded power supply system.
6. **Avoid body contact with grounded surfaces such as pipes, radiators, ranges, and refrigerators.** There is an increased risk of electric shock if your body is grounded.
7. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
8. **Do not abuse the Power Cord. Never use the Power Cord to carry the tools or pull the Plug from an outlet. Keep the Power Cord away from heat, oil, sharp edges, or moving parts. Replace damaged Power Cords immediately.** Damaged Power Cords increase the risk of electric shock.
9. **When operating a power tool outside, use an outdoor extension cord marked “W-A” or “W”.** These extension cords are rated for outdoor use, and reduce the risk of electric shock.

PERSONAL SAFETY

10. **Stay alert. Watch what you are doing, and use common sense when operating a power tool. Do not use a power tool while tired or under the influence of drugs, alcohol, or medication.** A moment of inattention while operating power tools may result in serious personal injury.
11. **Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts.** Loose clothes, jewelry, or long hair can be caught in moving parts.

12. **Avoid accidental starting. Be sure the Power Switch is off before plugging in.** Carrying power tools with your finger on the Power Switch, or plugging in power tools with the Power Switch on, invites accidents.
13. **Remove adjusting keys or wrenches before turning the power tool on.** A wrench or a key that is left attached to a rotating part of the power tool may result in personal injury.
14. **Do not overreach. Keep proper footing and balance at all times.** Proper footing and balance enables better control of the power tool in unexpected situations.
15. **Use safety equipment. Always wear ANSI approve eye protection.** Dust mask, non-skid safety shoes, hard hat, or hearing protection must be used for appropriate conditions.

TOOL USE AND CARE

16. **Use the included clamp or other practical ways to secure and support the workpiece to the Base (13).** Holding the work by hand or against your body is unstable and may lead to loss of control.
17. **Do not force the tool. Use the correct tool for your application.** The correct tool will do the job better and safer at the rate for which it is designed.
18. **Do not use the power tool if the Power Switch does not turn it on or off.** Any tool that cannot be controlled with the Power Switch is dangerous and must be replaced.
19. **Disconnect the Power Cord Plug from the power source before making any adjustments, changing accessories, or storing the tool.** Such preventive safety measures reduce the risk of starting the tool accidentally.
20. **Store idle tools out of reach of children and other untrained persons.** Tools are dangerous in the hands of untrained users.
21. **Maintain tools with care. Keep cutting tools sharp and clean.** Properly maintained tools with a sharp cutting edge are less likely to bind and are easier to control. Do not use a damaged tool. Tag damaged tools "Do not use" until repaired.
22. **Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation. If damaged, have the tool serviced before using.** Many accidents are caused by poorly maintained tools.

23. **Use only accessories that are recommended by the manufacturer of your model.** Accessories that may be suitable for one tool may become hazardous when used on another tool.



SERVICE

24. **Tool service must be performed only by qualified repair personnel.** Service or maintenance performed by unqualified personnel could result in a risk of injury.
25. **When servicing a tool, use only identical replacement parts. Follow instructions in the “*Inspection, Maintenance, And Cleaning*” section of this manual.** Use of unauthorized parts or failure to follow maintenance instructions may create a risk of electric shock or injury.

SPECIFIC SAFETY RULES

1. **Maintain labels and nameplates on the Cut-Off Saw.** These carry important information. If unreadable or missing, contact Harbor Freight Tools for a replacement.
2. **Maintain a safe working environment.** Keep the work area well lit. Make sure there is adequate surrounding workspace. Always keep the work area free of obstructions, grease, oil, trash, and other debris. Do not use a power tool in areas near flammable chemicals, dusts, and vapors. Do not use this product in a damp or wet location.
3. **Avoid unintentional starting.** Make sure you are prepared to begin work before turning on the Cut-Off Saw.
4. **Do not force the Cut-Off Saw.** This tool will do the work better and safer at the speed and capacity for which it was designed.
5. **Always keep the extension cord away from moving parts on the tool.**
6. **Keep hands and fingers away from the cutting area and the Cut-Off Wheel.** Keep one hand on the handle and the other on the motor housing. If both hands are holding the saw, your hands and fingers cannot be cut by the Cut-Off Wheel.
7. **Do not reach under the base of the Cut-Off Saw.** The Swing Guard (53) cannot protect you from the Cut-Off Wheel below the base.

8. **Check Swing Guard (53) for proper closing before each use. Do not operate the Saw if the Swing Guard does not move freely and close instantly. Never clamp or tie the Swing Guard (53) into the open position.** If the saw is accidentally dropped, the Swing Guard (53) may be bent. Raise the Swing Guard (53) and make sure it moves freely and does not touch the Cut-Off Wheel or another part, in all depths of cut.
9. **The Swing Guard (53) should be retracted manually only for special cuts such as “Pocket Cuts) and “Compound Cuts.” Raise the Swing Guard (53) only enough to begin the cut. As soon as the Cut-Off Wheel enters the material, the Swing Guard (53) must be released.** For all other sawing, the Swing Guard (53) should be allowed to operate automatically.
10. **The Saw is not to be used for any cutting in the locked down position.** The Saw should be locked down position only for carrying and storage.
11. **Always use Cut-Off Wheels with a 14” diameter, 1” arbor hole, and rated at a minimum of 3750 RPM.** Cut-Off Wheels that do not match the mounting hardware of the Saw or that are rated at less than the Saw’s maximum RPM may fly off the Saw or may run eccentrically, causing loss of control.
12. **Never use damaged or incorrect Cut-Off Wheel washers or bolts.** The Cut-Off Wheel’s washers and bolts were specially designed for your Saw, for optimum performance and safety of operation.
13. **Do not use the included Cut-Off Wheel to cut aluminum, copper, brass, or other non-ferrous metals.** The included Cut-Off Wheel is designed to cut only ferrous (iron containing) metals such as steel alloys and cast iron. If using other Cut-Off Wheels, only use them on materials that the manufacturer recommends.
14. **To avoid accidental injury, always wear heavy duty work gloves and work bib when changing a Cut-Off Wheel.**
15. **Before using the Cut-Off Saw, make sure the Cut-Off Wheel is properly mounted on the saw spindle.** Make sure the Cut-Off Wheel is balanced and is not broken or bent.
16. **Always unplug the Cut-Off Saw from its electrical outlet before performing any inspection, maintenance, or cleaning procedures.**

17. **The Cut-Off Wheel will become hot while cutting.** Allow the Cut-Off Wheel to completely cool before touching.
18. **Allow the Cut-Off Wheel to spin to full speed before feeding it into the workpiece.** When turning off the Saw, allow the Cut-Off Wheel to spin down and stop on its own. Do not press against the Cut-Off Wheel to stop it.
19. **Do not force the Cut-Off Wheel into the workpiece when cutting.** Apply moderate pressure, allowing the Cut-Off Wheel to cut without being forced.
20. **Industrial applications must follow OSHA requirements.**
21. **Always locate the Cut-Off Saw on a level, flat work surface capable of supporting the solid weight of the saw, workpiece and related tools.**
22. **Always use the right tool or attachment for the right job.** Do not attempt to force a small tool or attachment to do the work of a larger industrial tool or attachment. There are certain applications for which this product was designed. It will do the job better and more safely at the rate for which it was intended. Do not modify this product, and do not use this product for a purpose for which it was not intended.
23.  **WARNING!** Some dust created by power sanding, sawing, grinding, drilling, and other construction activities, contain chemicals known (to the State of California) to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are: lead from lead-based paints, crystalline silica from bricks and cement or other masonry products, arsenic and chromium from chemically treated lumber. Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.
(California Health & Safety Code 25249.5, et seq.)
24.  **WARNING!** People with pacemakers should consult their physician(s) before using this product. Electromagnetic fields in close proximity to a heart pacemaker could cause interference to or failure of the pacemaker.

GROUNDING

WARNING!

Improperly connecting the grounding wire can result in the risk of electric shock. Check with a qualified electrician if you are in doubt as to whether the outlet is properly grounded. Do not modify the power cord plug provided with the tool. Never remove the grounding prong from the plug. Do not use the tool if the power cord or plug is damaged. If damaged, have it repaired by a service facility before use. If the plug will not fit the outlet, have a proper outlet installed by a qualified electrician.

GROUNDING TOOLS: TOOLS WITH THREE PRONG PLUGS

1. Tools marked with “Grounding Required” have a three wire cord and three prong grounding plug. The plug must be connected to a properly grounded outlet. If the tool should electrically malfunction or break down, grounding provides a low resistance path to carry electricity away from the user, reducing the risk of electric shock. **(See Figure A.)**
2. The grounding prong in the plug is connected through the green wire inside the cord to the grounding system in the tool. The green wire in the cord must be the only wire connected to the tool’s grounding system and must never be attached to an electrically “live” terminal. **(See Figure A.)**
3. Your tool must be plugged into an appropriate outlet, properly installed and grounded in accordance with all codes and ordinances. The plug and outlet should look like those in the following illustration. **(See Figure A.)**

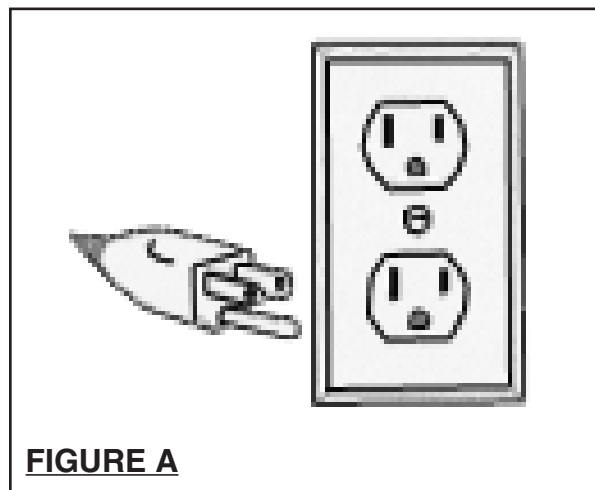
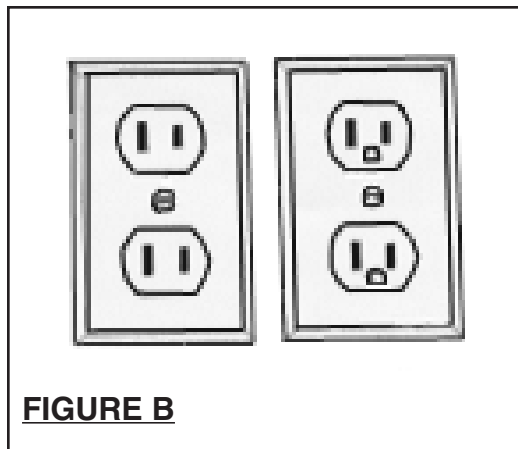


FIGURE A

DOUBLE INSULATED TOOLS: TOOLS WITH TWO PRONG PLUGS

4. Tools marked “Double Insulated” do not require grounding. They have a special double insulation system which satisfies OSHA requirements and complies with the applicable standards of Underwriters Laboratories, Inc., the Canadian Standard Association, and the National Electrical Code. **(See Figure B.)**
5. Double insulated tools may be used in either of the 120 volt outlets shown in the following illustration. **(See Figure B.)**






EXTENSION CORDS

1. ***Grounded*** tools require a three wire extension cord. ***Double Insulated*** tools can use either a two or three wire extension cord.
2. As the distance from the supply outlet increases, you must use a heavier gauge extension cord. Using extension cords with inadequately sized wire causes a serious drop in voltage, resulting in loss of power and possible tool damage. **(See Figure C, next page.)**
3. The smaller the gauge number of the wire, the greater the capacity of the cord. For example, a 14 gauge cord can carry a higher current than a 16 gauge cord. **(See Figure C.)**
4. When using more than one extension cord to make up the total length, make sure each cord contains at least the minimum wire size required. **(See Figure C.)**
5. If you are using one extension cord for more than one tool, add the nameplate amperes and use the sum to determine the required minimum cord size. **(See Figure C.)**

6. If you are using an extension cord outdoors, make sure it is marked with the suffix "W-A" ("W" in Canada) to indicate it is acceptable for outdoor use.
7. Make sure your extension cord is properly wired and in good electrical condition. Always replace a damaged extension cord or have it repaired by a qualified electrician before using it.
8. Protect your extension cords from sharp objects, excessive heat, and damp or wet areas.

RECOMMENDED MINIMUM WIRE GAUGE FOR EXTENSION CORDS* (120 VOLT)					
NAMEPLATE AMPERES (At Full Load)	EXTENSION CORD LENGTH				
	25 FEET	50 FEET	75 FEET	100 FEET	150 FEET
0 - 2.0	18	18	16	16	16
2.1 - 3.4	18	18	16	14	14
3.5 - 5.0	18	18	16	14	12
5.1 - 7.0	18	16	14	12	12
7.1 - 12.0	16	14	12	10	-
12.1 - 16.0	14	12	10	-	-
16.1 - 20.0	12	10	-	-	-
FIGURE C *Based on limiting the line voltage drop to five volts at 150% of the rated amperes.					

SYMBOLOLOGY

	Double Insulated
	Canadian Standards Association
	Underwriters Laboratories, Inc.
V ~	Volts Alternating Current
A	Amperes
n_oxxxx/min.	No Load Revolutions per Minute (RPM)

UNPACKING

When unpacking, check to make sure all the parts shown on the **Parts List on page 15** are included. If any parts are missing or broken, please call Harbor Freight Tools at the number shown on the cover of this manual as soon as possible.

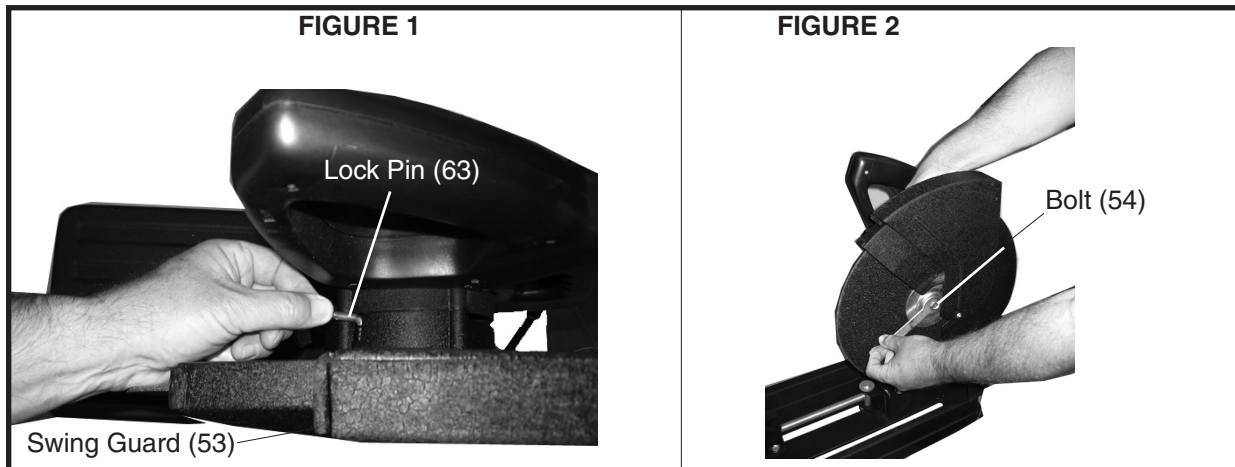
ASSEMBLY AND OPERATING INSTRUCTIONS

NOTE: For additional information regarding the parts listed in the following pages, refer to the **Assembly Diagram on page 16**.

To Remove or Install a Cut-Off Wheel

Warning! Prior to performing any assembly procedures, make sure the **Power Cord/Plug (107)** of the Cut-Off Saw is unplugged from its electrical outlet. Make sure the Cut-Off Wheel has cooled and be sure to wear heavy work gloves while replacing it.

1. Push in the Lock Pin (63) as shown in **FIGURE 1**, and move the Swing Guard (53) out of the way. Rotate the wheel until the Lock Pin (63) slides into place.
2. While continuing to hold down the Lock Pin (63), use the Wrench (111) to loosen the Bolt (54). See **FIGURE 2**.
3. Remove the Bolt (54), the Flange Washer (96), the Outer Flange (55), and the Cut-Off Wheel (56).
4. Replace with a new Cut-Off Wheel (56), and reassemble the parts listed above in number 3. While holding the Lock Pin (63), tighten the Bolt (54) with the wrench (not included).

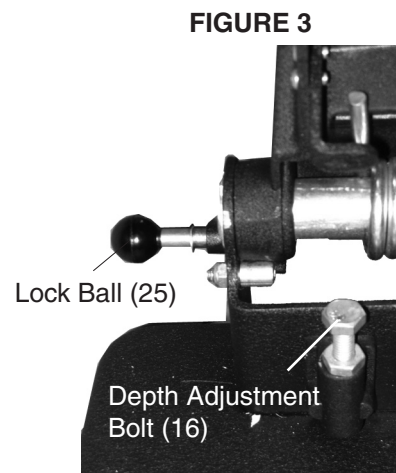


Locking Down the Saw

1. To lock down the Saw, push the Saw down as far as it will go, and then push the Lock Ball (25) in.
2. To raise the Saw, push down on the Saw and pull out the Lock Ball (25).

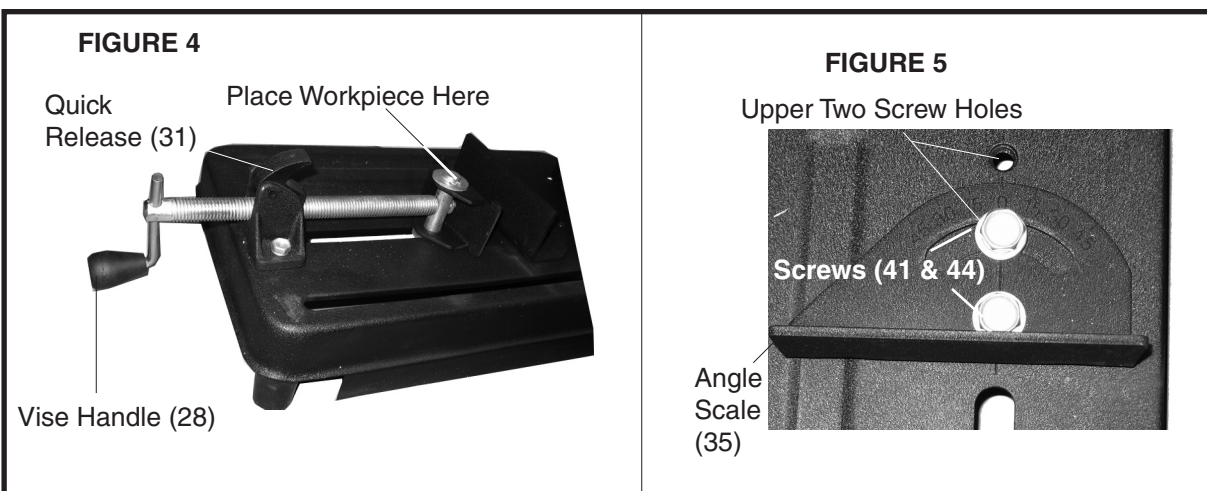
Depth Adjustment

To adjust the depth either up or down, adjust the Depth Adjustment Bolt (16) shown in **FIGURE 3**.



Clamp and Angle Scale

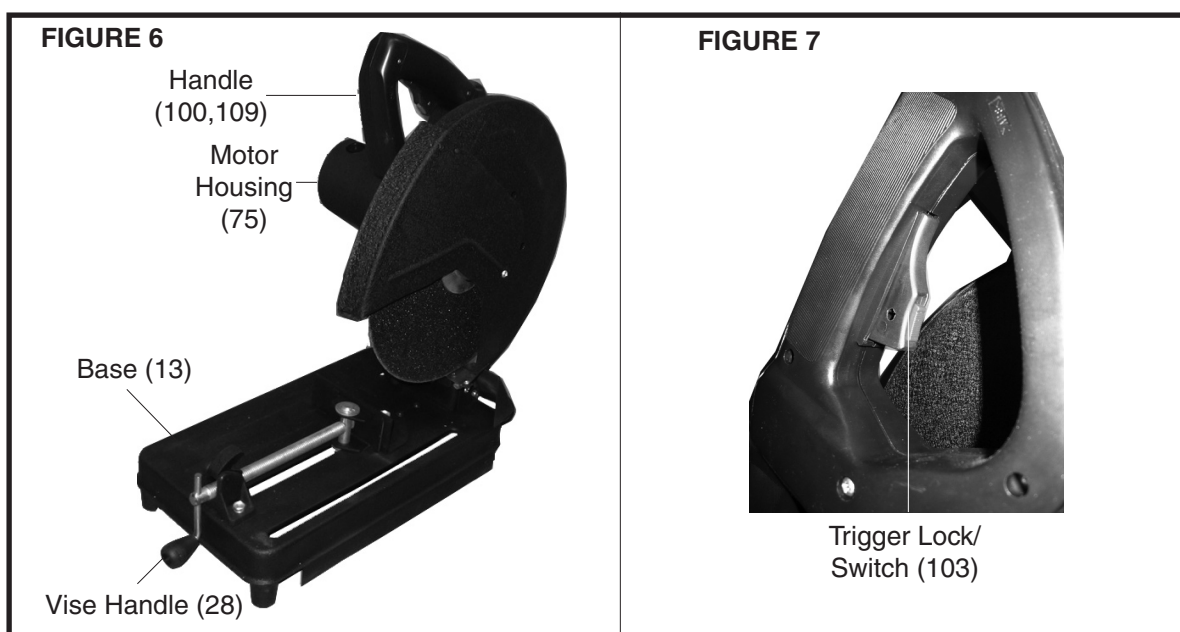
1. To use the Quick Release (31), put the Quick Release (31) tab in the position shown in **FIGURE 4** and push the Vise Handle (28) up against the workpiece. Then tighten the Vise Handle (28). When releasing, loosen the Vise Handle (28) a few turns, lift up the Quick Release (31), and pull the Vise Handle (28) open.
2. To cut at various angles (up to 45 degrees), adjust the Angle Scale (35) by loosening the two Screws (41 & 44) as shown in **FIGURE 5**. Adjust the Angle Scale to the desired setting and then tighten the Screws (41 & 44).
3. To reposition the Angle Scale (35), remove both of the Screws (41 & 44), and reattach the Angle Scale at the upper two screw holes. See **FIGURE 4**.



Operation

Warning!! Make sure the Swing Guard (53) and the Fixed Guard (60) are in place whenever operating the Saw. Keep your hands and fingers away from the Cut-Off Wheel (56).


1. Make sure the Saw is in the upright position as shown in **FIGURE 6** below.
2. Using the clamps, secure your workpiece and, if necessary, adjust the angle of the cut. See *Clamp and Angle Scale*, page 12.
3. Plug the Power Cord/Plug (107) into the nearest 120 volt, grounded, electrical outlet. Slide the Trigger Lock/Switch (103) and pull it to start the Saw. Allow the Cut-Off Wheel (56) to attain full speed. See **FIGURE 7**.



4. With one hand on the Handle (See **FIGURE 6**), slowly bring the Saw down onto the Base (13), letting the Saw do the work. Do not apply excessive force. If the Cut-Off Wheel (56) does not cut all the way through the workpiece, raise the Saw and release the Trigger Lock/Switch (103). Unplug the unit. Wait until the unit comes to a full stop. Remove the workpiece. Set the depth adjustment to a deeper setting (see *Setting Depth Adjustment* on page 12). After adjusting the depth, bring the Saw all the way down to make sure the Cut-Off Wheel (56) doesn't contact the Base (13). If it does contact any part of the Base (13), re-adjust the depth so it doesn't.
5. Repeat the cutting process starting with number 1 above.

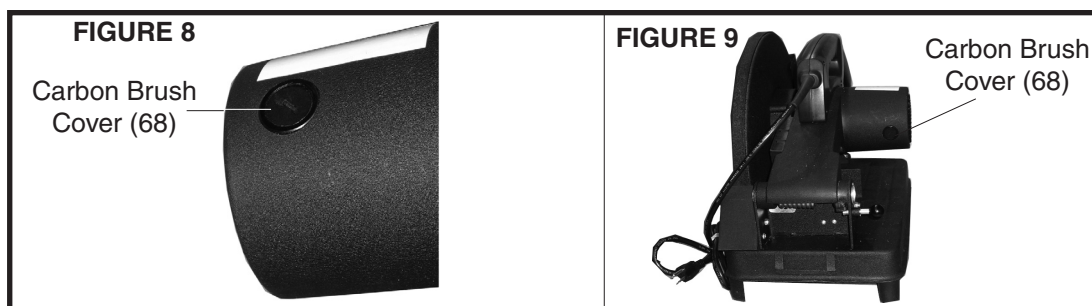
6. Once the cut is completed, turn off the Saw by releasing the Trigger Lock/Switch (103) and unplug the unit. Do not attempt to remove the workpiece until the Cut-Off Wheel (56) has stopped moving.
7. Lock down the Saw (see *Locking Down the Saw* on page 12).

INSPECTION, MAINTENANCE, AND CLEANING

1.  **WARNING!** Make sure the Power Switch (103) of the Saw is in its “OFF” position and that the tool is unplugged from its electrical outlet before performing any inspection, maintenance, or cleaning procedures.
2. **BEFORE EACH USE**, inspect the general condition of the Saw. Check for loose screws, misalignment or binding of moving parts, cracked or broken parts, damaged electrical wiring, and any other condition that may affect its safe operation. If abnormal noise or vibration occurs, have the problem corrected before further use. **Do not use damaged equipment.**
3. Daily, while wearing gloves, use a soft brush, cloth, or vacuum, to remove all dust and debris from the Saw. Then, use a high quality, lightweight machine oil to lubricate all moving parts, except the Cut-Off Wheel (56).

Note: If the motor performance decreases or stops, it may be necessary to replace the Carbon Brushes (67). Refer to FIGURES 8 and 9.

4. The Carbon Brushes (67) are located on each side of the Motor Housing (see **FIGURE 8**). To replace the Carbon Brushes (67), use a standard screwdriver (not included) to open the two Carbon Brush Covers (68). Remove the Carbon Brushes (67). If they are less than half their original size, replace them. If replacing, you must replace both at the same time. If they are larger than half their original size, they can be cleaned by rubbing them with a pencil eraser. When returning them to their compartment, make sure the carbon portions of the Carbon Brushes (67) contact the Motor Armature (85), and the springs face away from the Motor. Also, make sure the springs operate freely. After cleaning or replacement, replace the Carbon Brush Covers (68) and tighten securely. **DO NOT OVERTIGHTEN.** **Note: New Carbon Brushes (67) tend to arc or spark when first used until they wear and conform to the Motor Armature (85).**



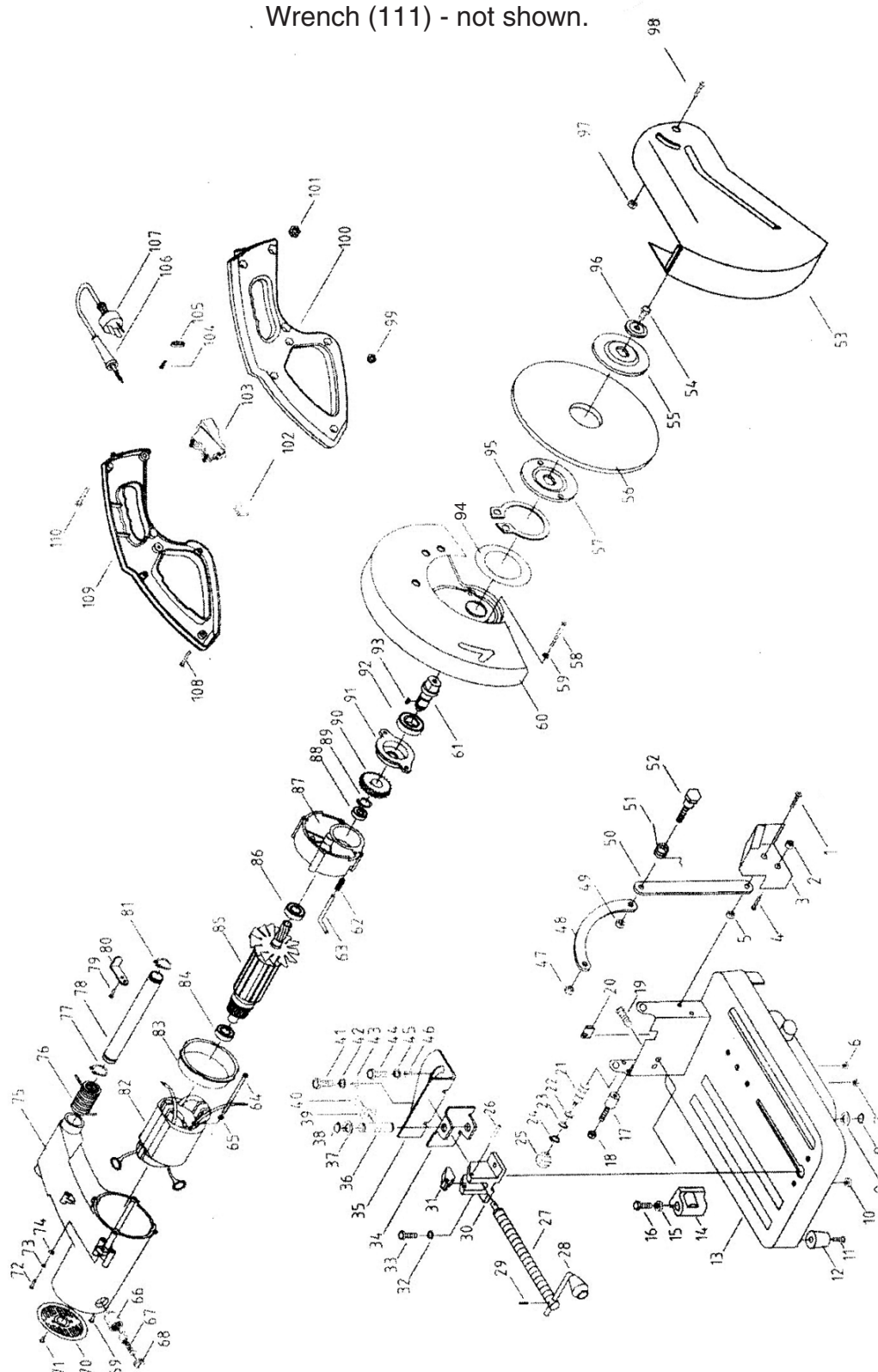
PARTS LIST

Part	Description	Part	Description	Part	Description
1	Screw M6x14	38	Binding Ring	75	Motor Housing
2	Lock Nut	39	Washer	76	Spring
3	Dust Cover	40	Pin	77	Binding Ring
4	Screw M5x12	41	Screw M10x20	78	Cross Pin
5	Lock Nut M6	42	Lock Washer	79	Screw 2-M5x10
6	Nut M10	43	Washer	80	Block
7	Nut M10	44	Screw M10x20	81	Binding Ring
8	Binding Ring	45	Lock Washer	82	Cross Pin
9	Washer	46	Washer	83	Screw
10	Nut M8	47	Check Nut M5	84	Bearing
11	Screw 4-M6x24	48	Bar	85	Armature
12	Rubber Foot	49	Lock Nut M6	86	Bearing
13	Base	50	Straight Bar	87	Middle Cover
14	Bracket	51	Spring	88	Bearing Ring
15	Nut M8	52	Screw	89	Binding Ring
16	Depth Adjustment Bolt	53	Swing Guard	90	Gear
17	Screw	54	Bolt	91	Front Cover
18	Lock Nut M6	55	Outer Flange	92	Bearing
19	Screw 2-M5x10	56	Cut-Off Wheel	93	Half Washer
20	Spring Holder	57	Inner Flange	94	Gasket Ring
21	Lock Down Pin	58	Screw	95	Binding Ring
22	Rubber Gasket	59	Lock Washer	96	Flange Washer
23	Rubber Gasket	60	Fixed Guard	97	Nut M6
24	Binding Ring	61	Arbor	98	Screw M6x10
25	Lock Ball	62	Spring	99	Nut M4
26	Roll Pin	63	Lock Pin	100	Left Handle
27	Thread Bar	64	Screw 2-M5x54	101	Nut M5
28	Vise Handle	65	Lock Washer	102	Capacitor
29	Roll Pin	66	Carbon Brush Holder	103	Trigger Lock/Switch
30	Clamp Base	67	Carbon Brush	104	Screw
31	Quick Release	68	Carbon Brush Cover	105	Wire Board
32	Lock Washer	69	Screw 2-M5x10	106	Sheathing
33	Screw	70	Cover	107	Power Cord/Plug
34	Sliding Jaw	71	Screw 2-M5x10	108	Screw
35	Angle Scale	72	Screw M4x10	109	Right Handle
36	Straight Pin	73	Lock Washer	110	Screw 3-M5x50
37	Washer	74	Washer	111	Wrench

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

ASSEMBLY DIAGRAM

Wrench (111) - not shown.



NOTE: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts.

LIMITED 90 DAY WARRANTY

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

3491 Mission Oaks Blvd. • PO Box 6009 • Camarillo, CA 93011 • (800) 444-3353